



News Release

United States Navy

Space and Naval Warfare Systems Command
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SPAWAR to exhibit at AFCEA / USNI West 2002

The Space and Naval Warfare Systems Command will provide several information stations at West 2002 in the San Diego Convention Center January 15 to 17, 2002.

The conference is sponsored annually by the Armed Forces Communications and Electronics Association and the U.S. Naval Institute. Admission to the exposition, panel sessions, and specified addresses is free to members of AFCEA or the U.S. Naval Institute, military personnel, government employees, and employees of corporate sponsors and exhibiting companies. Visitors may pre-register at <http://www.west2002.org>

The planned exhibits for SPAWAR include:

SPACE #254

ROBOTICS

Research and development in robotics, sensor fusion, communications, and human-machine interfaces for physical security and remote tactical surveillance applications. Recent events have focused on using man-portable robots for remote tunnel inspection, urban search and rescue, nuclear/chemical detection, and weapons delivery.

GCCS – M (TCS, TFWeb, GCCS-M X.4, I3)

The Global Command and Control System - Maritime (GCCS-M) is the Navy's fielded Command and Control system and is a key component of the Copernicus...Forward C4I strategy. GCCS-M is composed of ashore, afloat and tactical/mobile components which have provided the technical genesis for the Global Command and Control System. The next major step is to become GCCS-M ... on the PC.

ITC NEW ORLEANS

The Space and Naval Warfare Information Technology Center (SPAWAR ITC) New Orleans provides integrated business system solutions for the Department of Defense. Using an enterprise management framework, we provide a comprehensive range of information technology products and services that reduce costs, promote system interoperability, and decrease the time to deployment. We partner with industry and apply the latest technologies and business practices to ensure maximum return to our customers.

SPAWAR Command

The Space and Naval Warfare Systems Command and its field activities in Charleston, Chesapeake, New Orleans, San Diego and Washington, D.C. provide the Navy, and its sister services, full spectrum RDT&E, engineering and fleet support capabilities in command, control, communications, computer, intelligence, surveillance and reconnaissance systems (C4ISR). A renewed emphasis on supporting Joint service work, on providing specific battlegroup support, and on developing concepts and support systems for the Navy's

“Information Technology 21” (IT-21) program, is helping to bring the Navy’s desire for Network Centric Warfare in the 21st century into reality.

NAVSSI

Navigation Sensor System Interface (NAVSSI) is designed to provide an integrated real-time interface to navigation sensors and other Navy systems for common and consistent navigation data distribution, display, and processing. It also provides the Navy with a system to support safe navigation, using digital nautical charts and chart tools, to meet IHO/IMO ECDIS functionality. NAVSSI employs Evolutionary Acquisition (EA) strategy using primarily Commercial Off the Shelf (COTS) hardware and an Open Systems Architecture.

SPAWAR Systems Center Chesapeake/Norfolk

SSC Chesapeake specializes in incorporating state-of-the-art technology into fleet tactical combat support systems. Our systems help move workload ashore by leveraging new technologies, including smart cards, RF connectivity, data replication, and web enablement.

SSC SD/SYSACT PACIFIC

Our nation’s warfighters must have the tools necessary to achieve information dominance over all known and potential enemies. SSC San Diego creates integrated C4ISR solutions that are key to information dominance. Our overriding challenge is to provide the tools needed to achieve battle space information dominance. As part of SSC SD, SPAWAR Systems Activity Pacific provides electronics material and information technology support, planning, design, installation, maintenance, engineering, training, technical guidance and assistance to Naval and Marine Corps forces throughout the Pacific and Indian Ocean areas.

METOC

Providing Meteorological and Oceanographic system support for warfare commanders, fleet operators, and forecasters.

SSC Charleston

Navigation Systems

SPACE #1348

ITEC DIRECT

Information Technology Electronic Commerce (ITEC) Direct is the DON’s implementation of the DoD E-Mall. This is a DON CIO sponsored information system designed to provide commercially available, DON standard and architecture compliant IT products and services. Our goal is to be the on-line shopping service of choice for all IT products and services for the DoD community.

ENCOMPASS

Enhanced Consequence Management Planning and Support System (ENCOMPASS) is a software program developed under DARPA sponsorship. Its two subsystems: Incident Command Management System (ICMS) and DARPA-Syndromic Surveillance System (D-S3) or their components, function together or independently. ICMS assists first responders, commanders, and emergency centers. D-S3 tracks patient symptoms to detect possible release of bioagents.

CHIPS

CHIPS celebrates its 19th year in 2001 by continuing to follow our founding motto -- Dedicated to Sharing Information, Technology and Experience -- and providing the most current information technology (IT) trends, programs and innovations in C4I tactical systems, SPACE and IT design. Our goal is to deliver Knowledge Superiority to the warfighter. CHIPS is funded by the DON-IT Umbrella Program, SPAWAR, and is sponsored

by DON CIO. Published quarterly by SSC Charleston, our 500,000 readers represent DoD, other Federal agencies, academia, and private industry partners of the DON.

FMS

Foreign Military Sales (FMS) plays a key role in the U.S. Navy's effort in delivering and supporting capabilities to foreign allies. FMS provides integrated C4ISR solutions to meet foreign customer requirements and to enhance allied interoperability. The fact that 42 procuring countries – on five continents – have received and are operating SPAWAR products and capabilities reflects the breadth of the SPAWAR customer base. The SPAWAR FMS approach is to provide “end-to-end” Integrated Logistics Support (ILS) capability with a “total package concept” of system architecture, installation, and follow on support.

DoD ESI

The Enterprise Software Initiative (ESI) is a joint project designed to implement a true software enterprise management process within DoD. By pooling commercial software requirements and presenting a single negotiating position to leading software vendors, ESI provides pricing advantages not otherwise available to individual Services and Agencies. Software standardization within DoD is not a goal, but customer choice is. ESI currently offers great deals from 12 leading software vendors within 5 distinct software categories.

UFO-GBS

UHF Follow-On (UFO) satellites acquired by the Navy's Communications Satellite Program provides fleet and joint users with worldwide narrowband communications coverage using innovative military and commercial technology advances. Launching the tenth UFO satellite in 1999, the constellation provides the war fighter with UHF, Protected EHF and Ka wideband communications capabilities. The Global Broadcast Service (GBS) payload is incorporated on UHF spacecraft F8, F9, and F10 to meet the users need for near-global Ka-band coverage. GBS revolutionizes communications by providing 96 Mbps capability per satellite to small mobile user terminals and fills the war fighter's need to provide larger amounts of tactical data to the front line user.

SPACE #1349

MTRACS

DAME

RLST (Humvee)

SPACE #951

HOMELAND DEFENSE

SPAWAR Systems Center San Diego provides computer information protection analysis, design, and implementation as well as diverse engineering, computer science, and technical services to our customers. Services include network design, system engineering, secure messaging and VTC capability, web enabling, and computer system development and implementation. To enhance customer capability, we develop hardware and software products and applications, and are proud to deliver reliable, quality products and services.

C4I

SSC SD's D231 provides engineering expertise in Installation Design, Acquisition Engineering, Software Compatibility Testing, Hardware/Software Installation, Interactive Courseware/Integrated Electronic Technical Manual (ICW/IETM) development, Integrated Logistics Support (ILS) and Performance Based Logistics - Organic (PBL-O), for C4I systems onboard submarines, surface ships, and shore facilities. We work toward a timely, responsive, and professional level of excellence in meeting our customer needs.